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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Kazama, Toshio  
Assignee: NHK Spring Co., Ltd.  
Title: Electronic Contact Probe Assembly  
Serial No.: 10/070,793 Filing Date: March 8, 2002  
Examiner: Norris, Jeremy C. Group Art Unit: 2827  
Docket No.: AB-1217 US

COMMISSIONER FOR PATENTS  
Washington, D.C. 20231

**POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST**

Sir:

The above-identified assignee, hereby revokes all powers of attorney previously given and appoints the attorney(s) and/or agent(s) identified below to prosecute the above-identified application and to transact all business in the United States Patent and Trademark Office in connection therewith:

**Customer No. 32605**

Please address all correspondence and telephone calls regarding this application to:

David W. Heid  
MacPherson Kwok Chen & Heid LLP  
2001 Gateway Place, Suite 195E  
San Jose, CA 95110  
Phone: (408) 392-9250  
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**ASSIGNEE CERTIFICATION UNDER 37 CFR 3.73(B)**

The undersigned representative of the above-identified assignee certifies that the above-identified assignee is the assignee of the entire right, title and interest in the above-identified patent application/patent by virtue of a chain of title from the inventor(s) of the above-identified patent application/patent to the above-identified assignee as shown below:

1. From: Kazama, Toshio To: NHK Spring Co., Ltd.

☒ The document was recorded in the United States Patent and Trademark Office at Reel 012781, Frame 0587. A copy of the document is attached.

☐ The document was submitted to the Patent and Trademark Office for recordation on \_\_\_\_\_. A copy of the document is attached.

The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the above-identified assignee.

Date: March 6, 2003

NHK SPRING CO., LTD.

By: Koji Kawamura  
(Signature)

Name: Koji KAWAMURA  
(Printed or Typed Name)

Title: Executive Vice President



AB-1217 US

JUNE 10, 2002

Chief Information Officer  
Washington, DC 20231  
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JUN 17 2002



\*102113650A\*

Skjerven, Morrill LLP

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PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 03/08/2002

REEL/FRAME: 012781/0587  
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

KAZAMA, TOSHIO

DOC DATE: 02/22/2002

ASSIGNEE:

CO.  
NHK SPRING CO., LTD.  
10, FUKUURA 3-CHOME, KANAZAWA-KU,  
YOKOHAMA-SHI  
KANAGAWA, JAPANSERIAL NUMBER: 10070793  
PATENT NUMBER:FILING DATE: 03/03/2002  
ISSUE DATE:VIOLET MCCOY, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

ATTORNEY: Dwt

Assignment File off

ACTION: DUE:

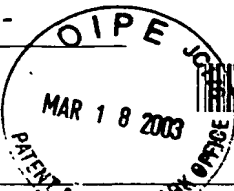
ACTION: DUE:

ACTION: DUE:

INDEXED BY: cw DATE: 6-17-02

FORM LETTER: YES/NO

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06. 3-2002

ATTORNEY DOCKET NO. 10/070693 AB-12705

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TO THE HONORABLE DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE. PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS OR COPY THEREOF.

1. Name of conveying party(ies):

KAZAMA, Toshio

3 7.02

Additional name(s) of conveying party(ies) attached?

☐

Yes

☒

No

2. Name and address of receiving party(ies):

Name: NHK SPRING CO., LTD.

Address: 10, Fukuura 3-chome, Kanazawa-ku,  
Yokohama-shi, Kanagawa, JAPAN

3. Nature of Conveyance:

☒

Assignment

☐

Merger

☐

Security Agreement

☐

Change of Name

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Other

Execution Date: February 22, 2002

Name and address of receiving party(ies):

Name:

Address:

Additional name(s) &amp; address(es) attached?

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Yes

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No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: February 22, 2002

A. Patent Application No.(s) -

Title: ELECTRIC CONTACT PROBE ASSEMBLY

B. Patent No.(s)

10070793

Additional numbers attached?

☐

Yes

☒

No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Alan H. MacPherson

Internal Address: SKJERVEN MORRILL MacPHERSON LLP

Street Address: 25 METRO DRIVE, SUITE 700

City SAN JOSE State CA Zip 95110

03/14/2002 MNGUYEN 00000129 192386 10070793

02 FC:581

40.00 CH

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$40.00

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To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Norman R. Klivans 33.003

Name of Person Signing

Norman R. Klivans

Signature

3/8/02

Date

Total number of pages including cover sheet, attachments, and documents: 2

## Assignment

For good and valuable consideration, receipt of which is hereby acknowledged, we

Toshio KAZAMA, c/o NHK SPRING CO., LTD., 3131, Miyadamura, Kamiina-gun,  
Nagano, JAPAN

hereby sell, assign and transfer to NHK SPRING CO., LTD., a Japanese corporation,  
having a place of business at 10, Fukuura 3-chome, Kanazawa-ku, Yokohama-shi,  
Kanagawa, JAPAN, its successors and assigners, the entire right, title and interest  
throughout the world in our invention in

" ELECTRIC CONTACT PROBE ASSEMBLY "

for which I have executed a United States patent application on or about the date of this  
assignment, and all patent applications and patents of every country for said invention,  
including divisions, reissues, continuations and extensions thereof, and all rights of priority  
resulting from the filing of said applications; we authorize the above-named assignee to  
apply for patents of foreign countries for said invention, and to claim all rights of priority  
without further authorization from us; we agree to execute all papers useful in connection  
with said United States and foreign applications, and generally to do everything possible to  
aid said assignee, their successors, assigns and nominees, at their request and expense, in  
obtaining and enforcing patents for said invention in all countries; and we request the  
Commissioner of Patents and Trademarks to issue all patents granted for said invention to  
the above-named assignee, its successors and assigns.

Executed this 22nd day of February, 2002.

  
\_\_\_\_\_  
Toshio KAZAMA